



# Impulse Current Simulator

## S5A250



- IEC 61643-11
- GB/T 18802.11

### Features

- > 5.7-inch color touch screen front panel operation;
- > Max test current 2600A;
- > Convenient operation ;
- > Ethernet LAN communication, stable and reliable.

### Introduction

The S5A250 is a new type of surge current simulator developed based on the standard IEC 61643-11. It can output a 10/350  $\mu$  s pulse current waveform with a maximum output current of 2600A.

### Application Areas



## Technical Parameters

Test Current Range	100 A - 2600 A ( $\pm 10\%$ )
Current Waveform	Wavefront time: $10 \mu\text{s} \pm 10\%$ Half peak time: $350 \mu\text{s} \pm 10\%$ The wavefront time is defined as $1.25 * \text{rise time (10\% -90\%)}$ Half peak time is defined as: 50% -50%
Output Polarity	Positive, Negative, Positive first and then negative
Pulse Period	5 s-180 s
Times of Test	1-10000 times
Trigger Mode	Manual, Auto, External Trigger
External Trigger Input	BNC, 5V TTL
CRO Triggers Output	BNC, 5V TTL
Operation Control Input	BNC, 5V TTL
Working Power	AC 220 V, $\pm 10\%$ , 50 Hz ( $\pm 5\%$ )
Communication Mode	Ethernet、RJ45
Auxiliary Interface	D-sub 25p
Safety Circuit	Stop working when the safety loop is not closed

Display Screen	5.7-inch color touch screen
Working Power	AC 220 V, $\pm 10\%$ , 50 Hz ( $\pm 5\%$ )
Fuse	6 A
Max Power	200 W
Dimension	600*800*1250mm (22UCabinets)
Weight	Approx 175 kg
Ambient Temperature	$15^{\circ} \sim 35^{\circ}$
Relative Humidity	45%~75%
Atmospheric pressure	86 kPa~106 kPa

## Standard Accessories

Power Wires, Manuals, Test Wires, Ground Wires, Fuses

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